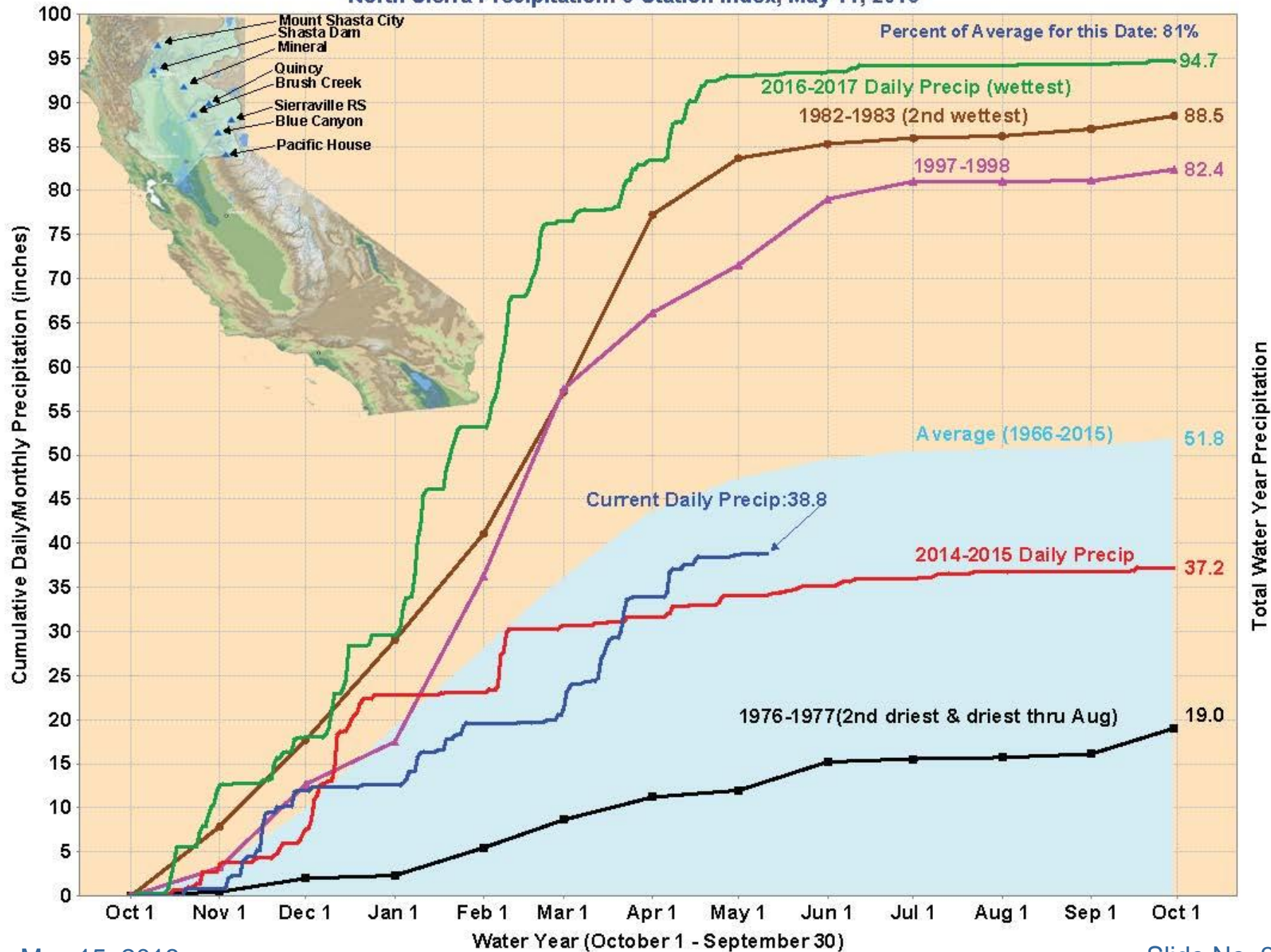


HYDROLOGY UPDATE FOR THE BAY-DELTA WATERSHED

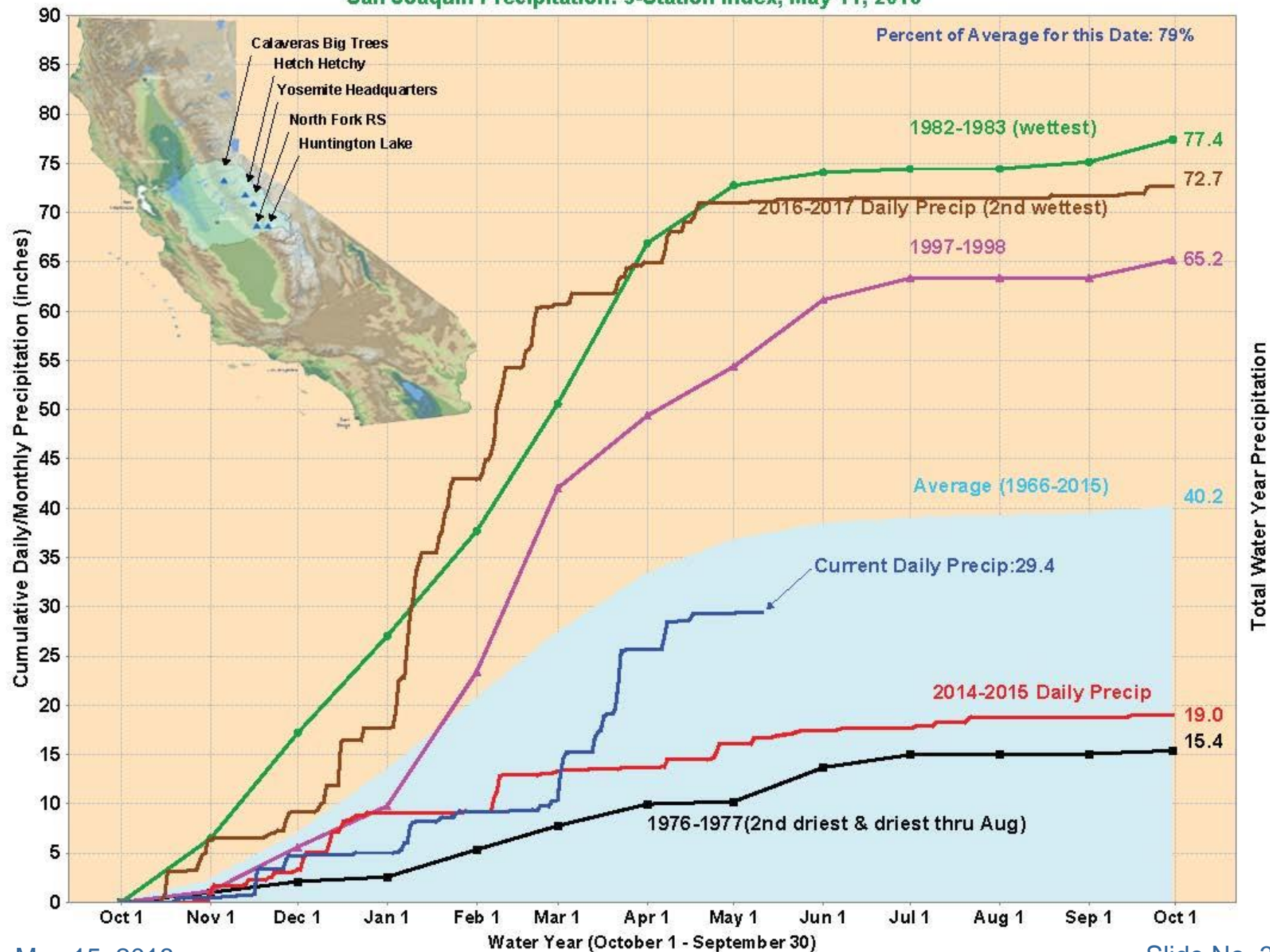


MAY 15, 2018 – ITEM #2

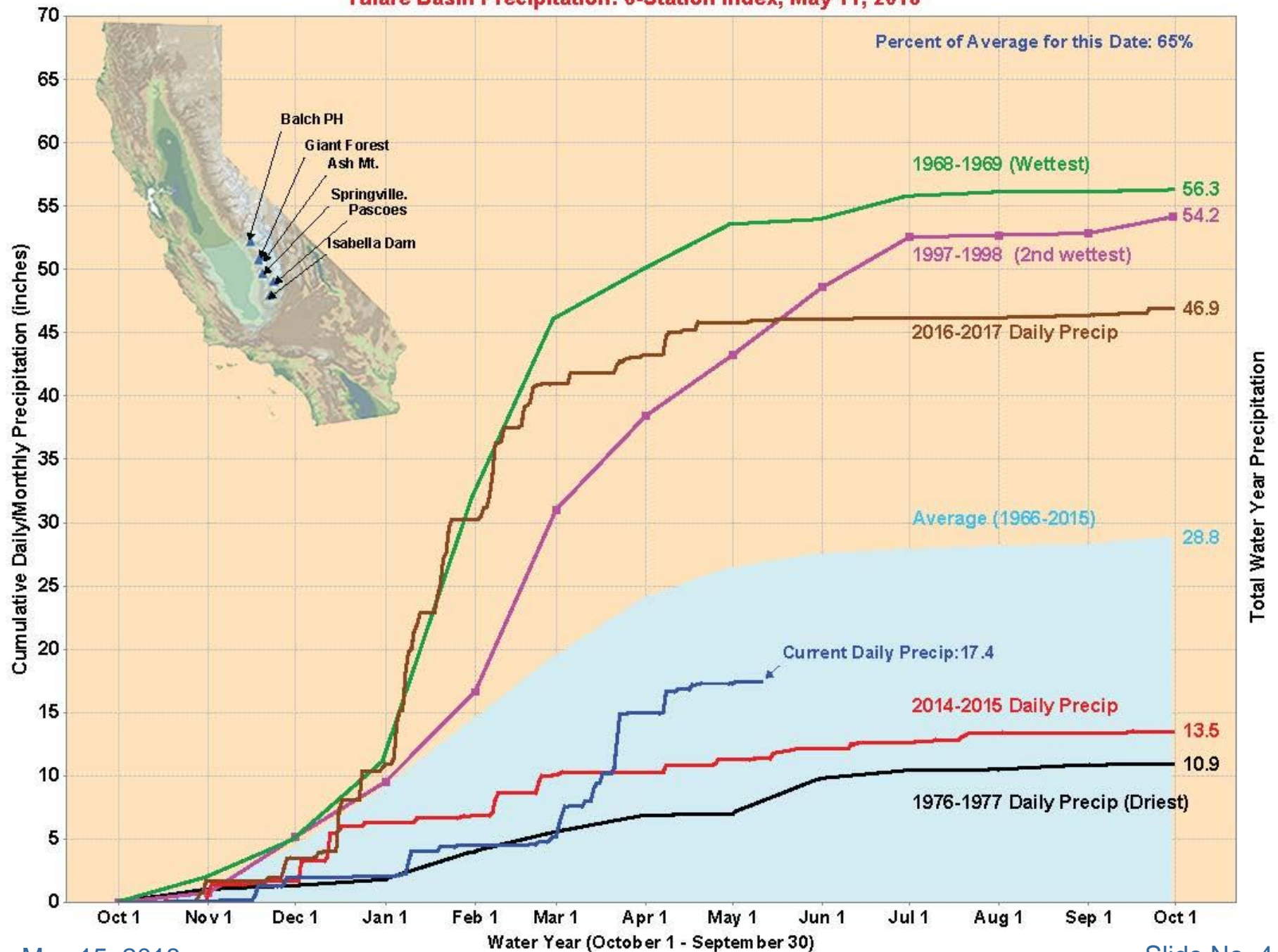
North Sierra Precipitation: 8-Station Index, May 11, 2018



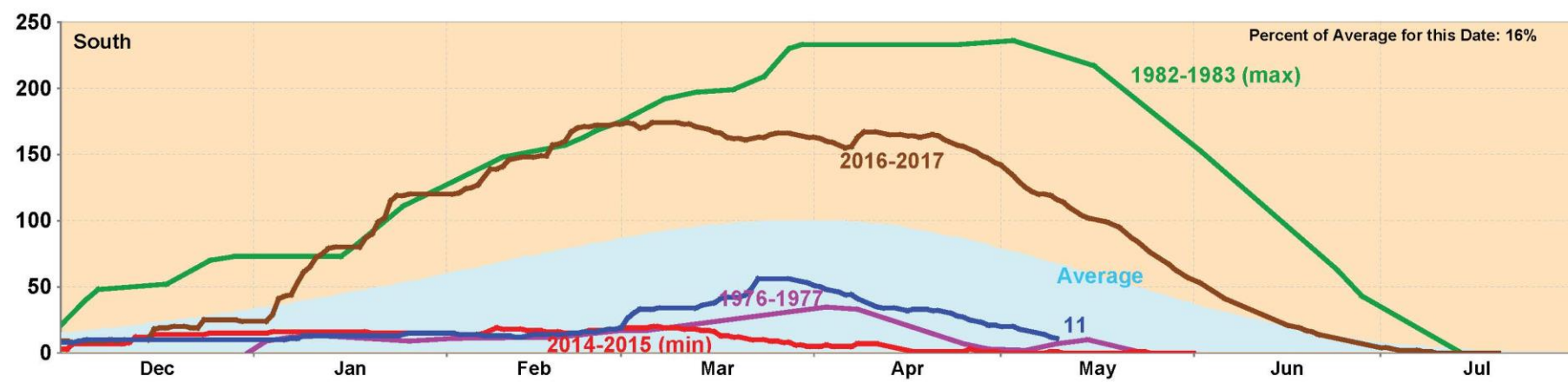
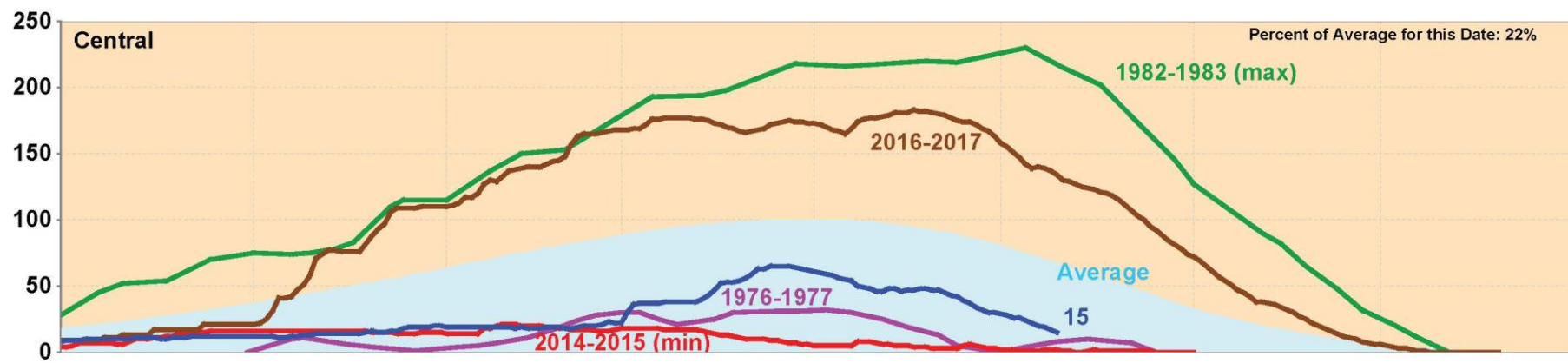
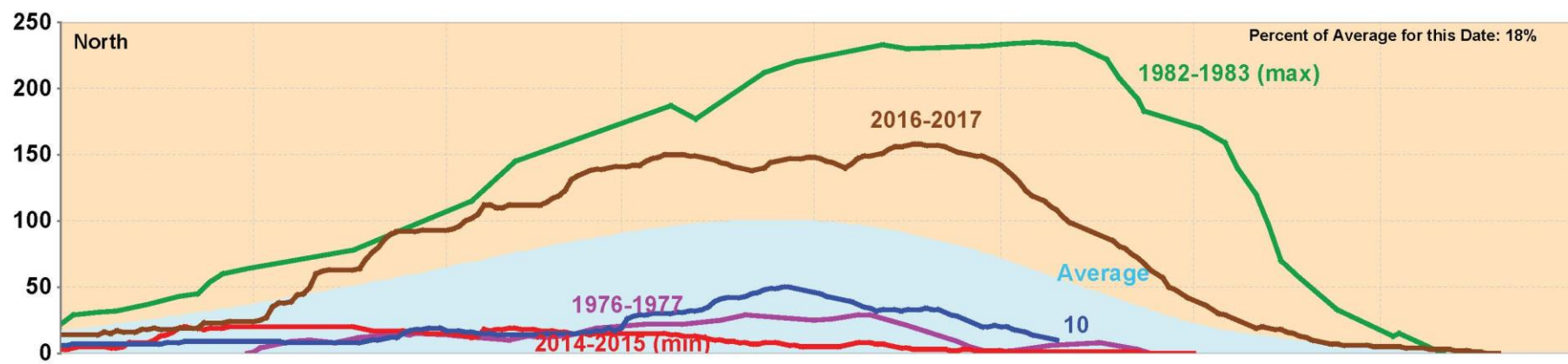
San Joaquin Precipitation: 5-Station Index, May 11, 2018



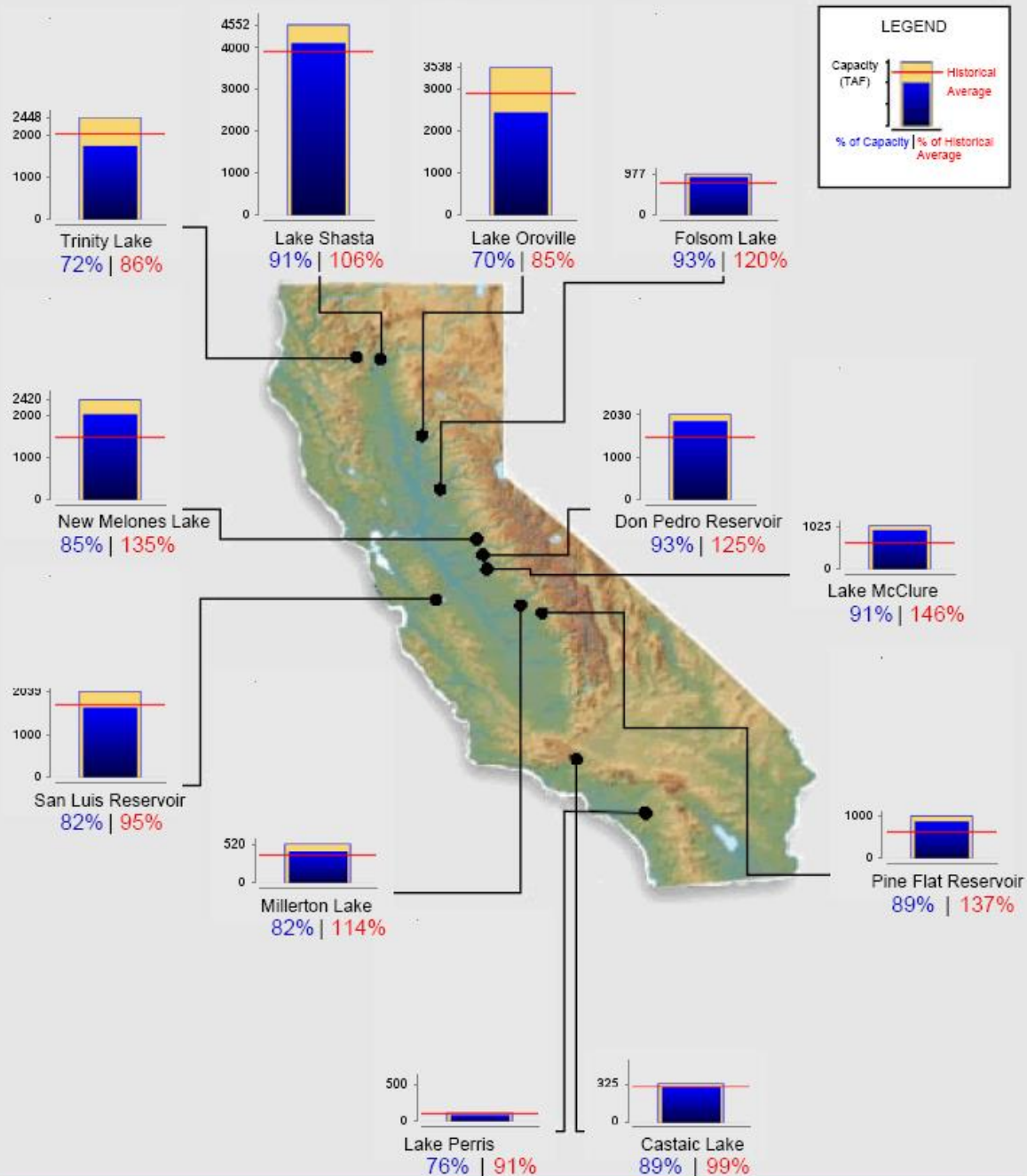
Tulare Basin Precipitation: 6-Station Index, May 11, 2018



California Snow Water Content, May 10, 2018, Percent of April 1 Average



CURRENT RESERVOIR CONDITIONS



Cachuma Reservoir

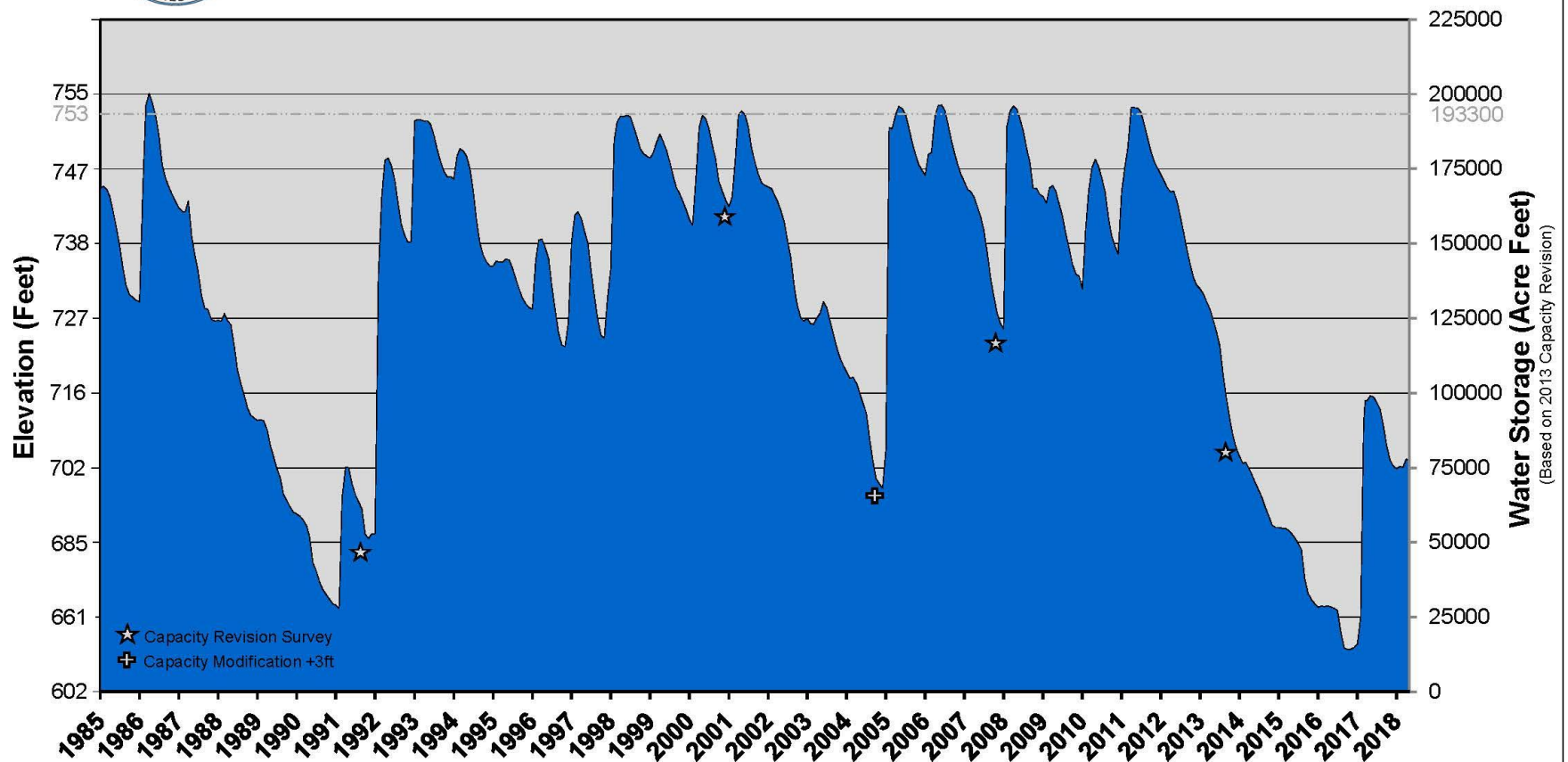
- **Cachuma Reservoir:** 77,535 acre-feet full out of 205,000 acre-foot capacity (38% of capacity and 45% of average)
 - **Gibraltar Reservoir:** 4,883 acre-feet full out of 4,968 acre-feet (98% of capacity)
 - **Jameson Reservoir:** 3,248 acre-feet full out of 5,144 acre-feet (63% of capacity)

Cachuma Reservoir



Cachuma Reservoir - Historical Water Storage Levels 34 Years - 1985 to 2018 (through May 1, 2018)

Page 1 of 2

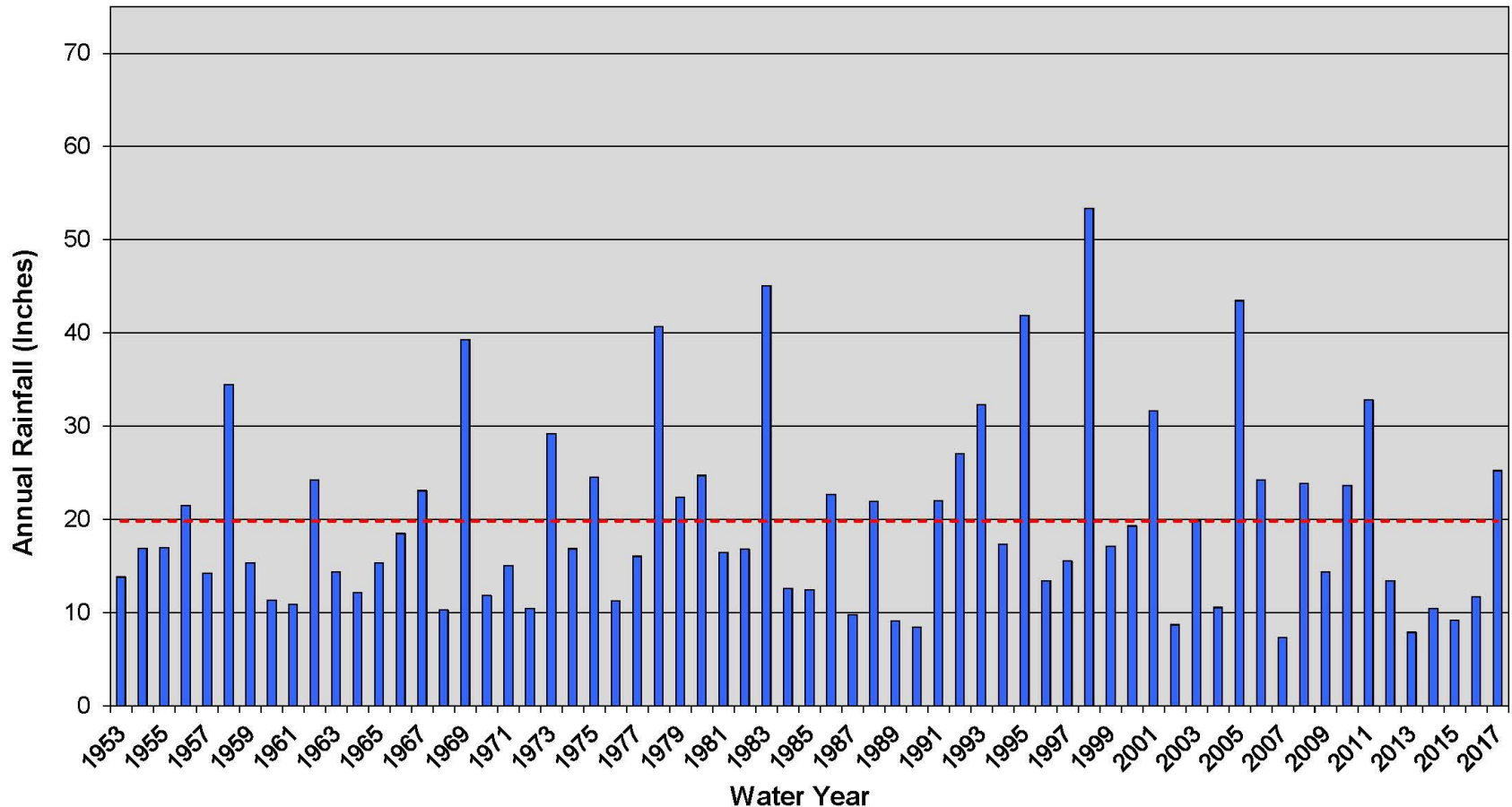


Cachuma Reservoir



Cachuma Dam - Annual Rainfall (#332)

1953 - 2017 (thru 08-31-17)
(Mean Annual Rainfall = 19.81 inches)



Other Reservoirs

- **Diamond Valley Lake:** 719,723 acre-feet full out of 810,000 acre-foot capacity (89% of capacity)
- **San Luis Reservoir:** 1,704,330 acre-feet out of 2,041,000 acre-feet capacity (84% of capacity and 101% of average)

U.S. Drought Monitor California

May 8, 2018

(Released Thursday, May. 10, 2018)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	34.19	65.81	37.10	13.99	2.80	0.00
Last Week 05-01-2018	34.10	65.90	37.10	13.99	2.80	0.00
3 Months Ago 02-08-2018	18.27	81.73	45.60	6.39	0.00	0.00
Start of Calendar Year 01-02-2018	55.70	44.30	12.69	0.00	0.00	0.00
Start of Water Year 09-26-2017	77.88	22.12	8.24	0.00	0.00	0.00
One Year Ago 05-09-2017	76.47	23.53	8.24	1.06	0.00	0.00

Intensity:



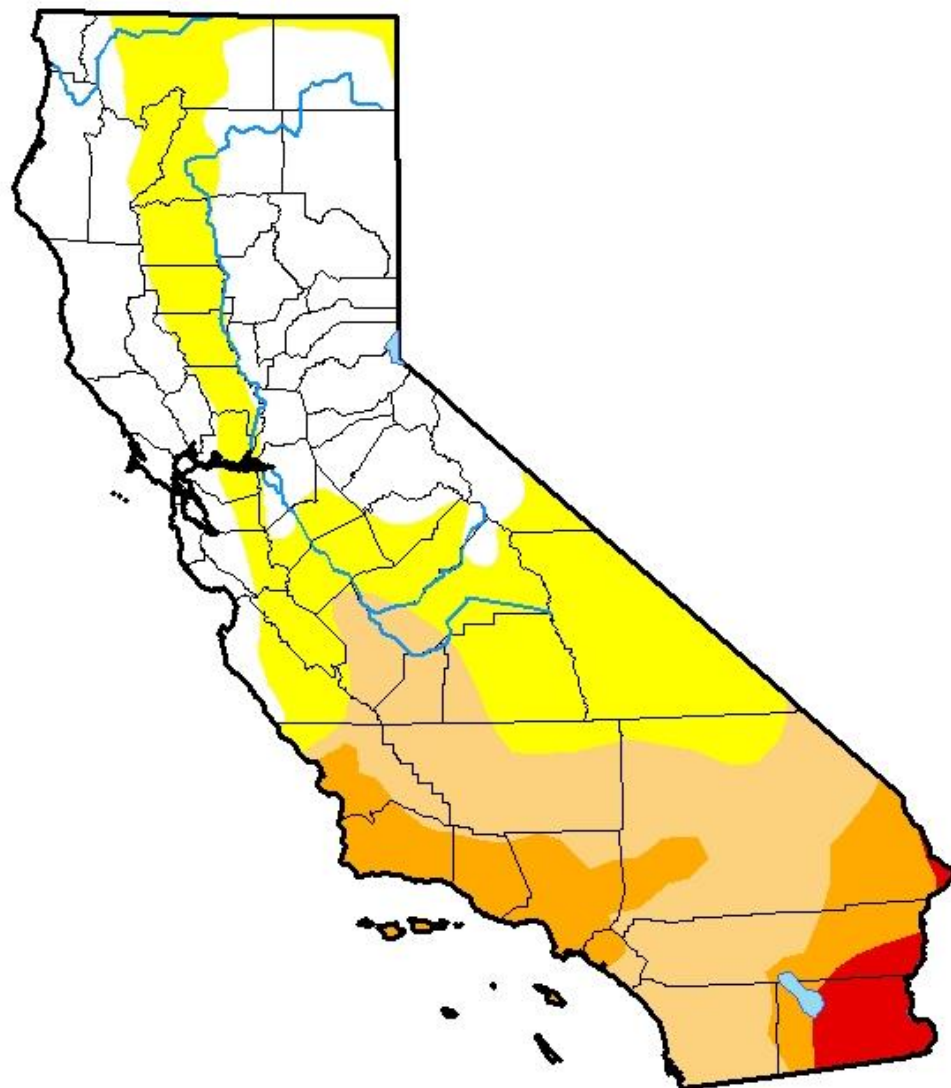
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

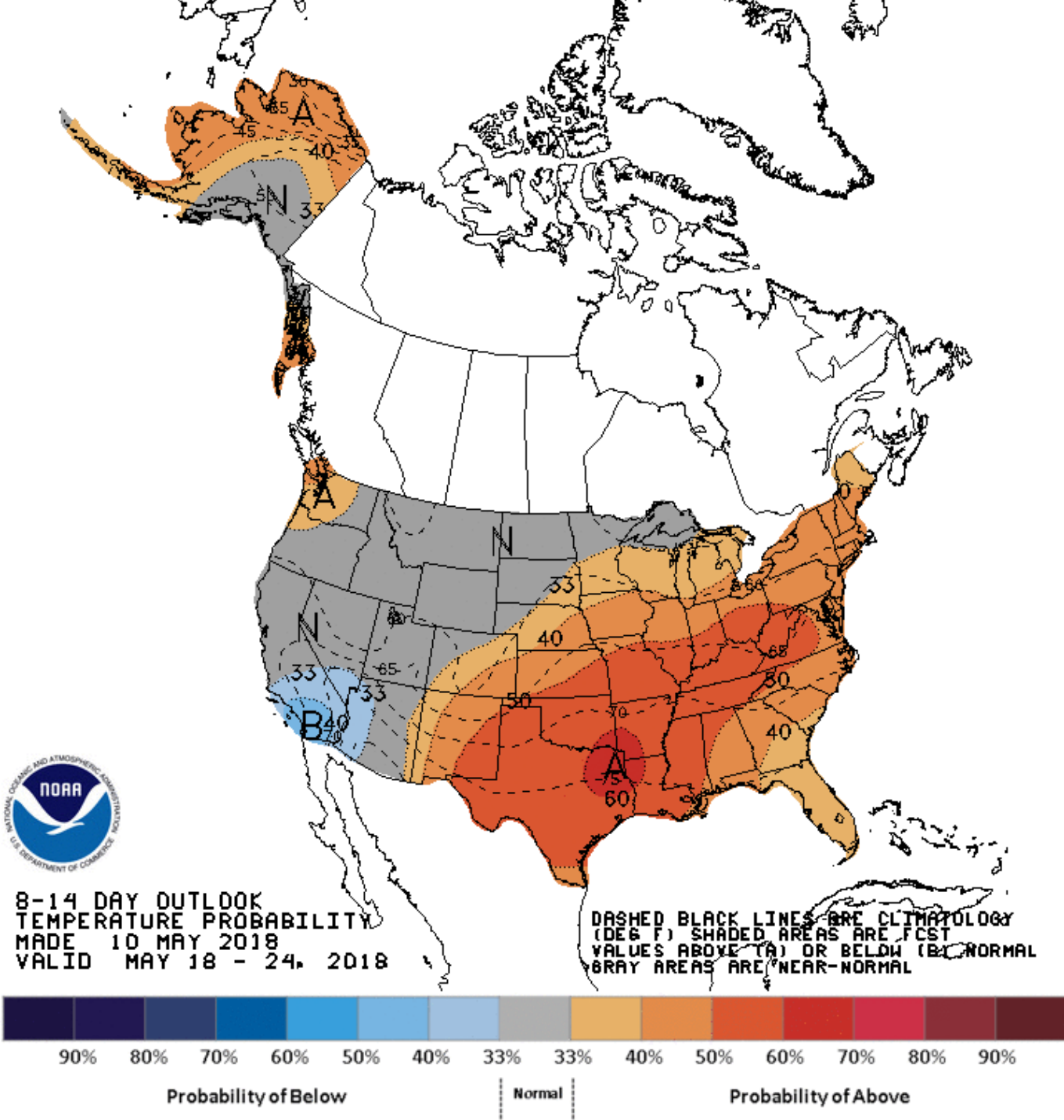
Author:

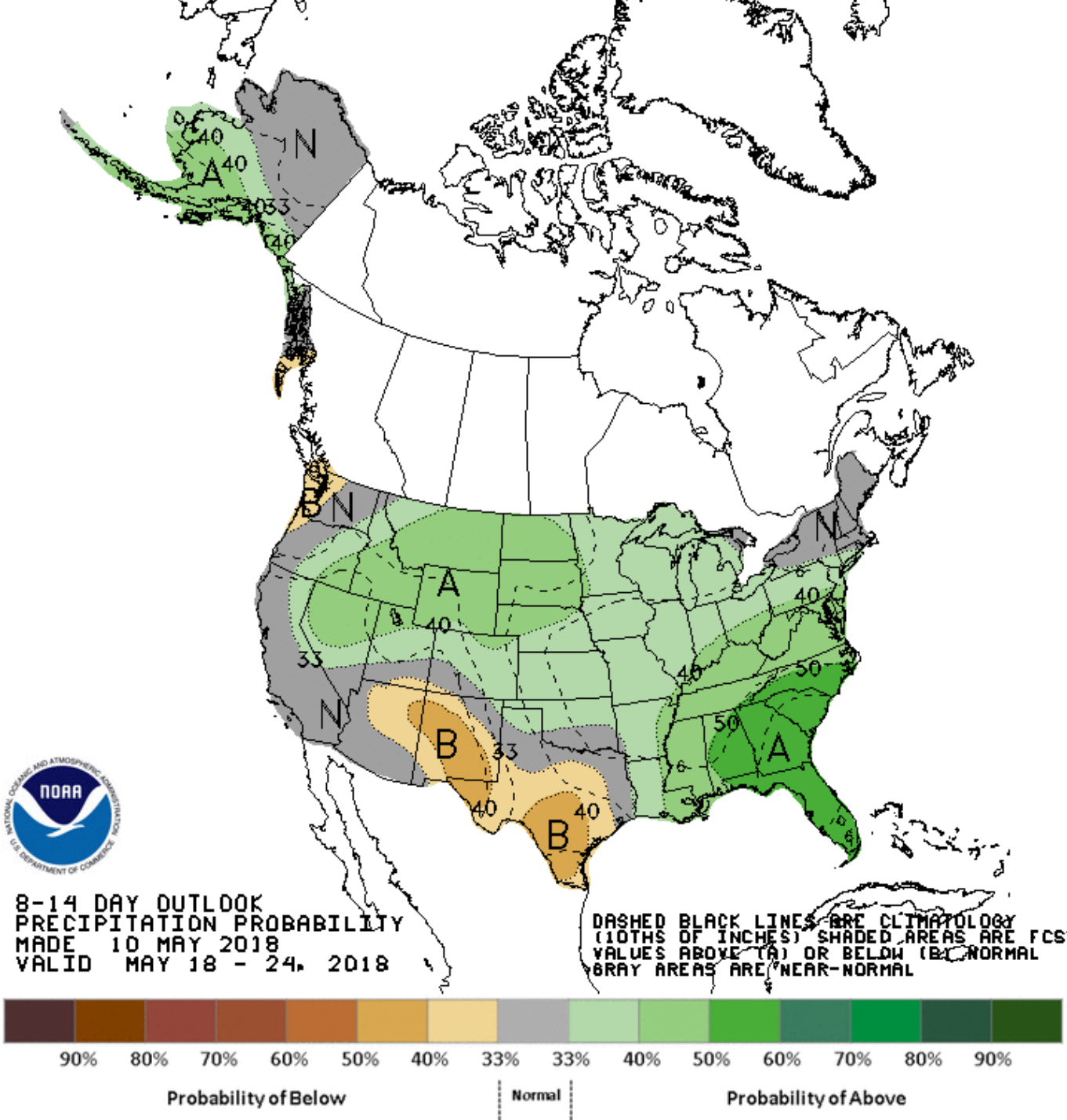
David Simeral
Western Regional Climate Center



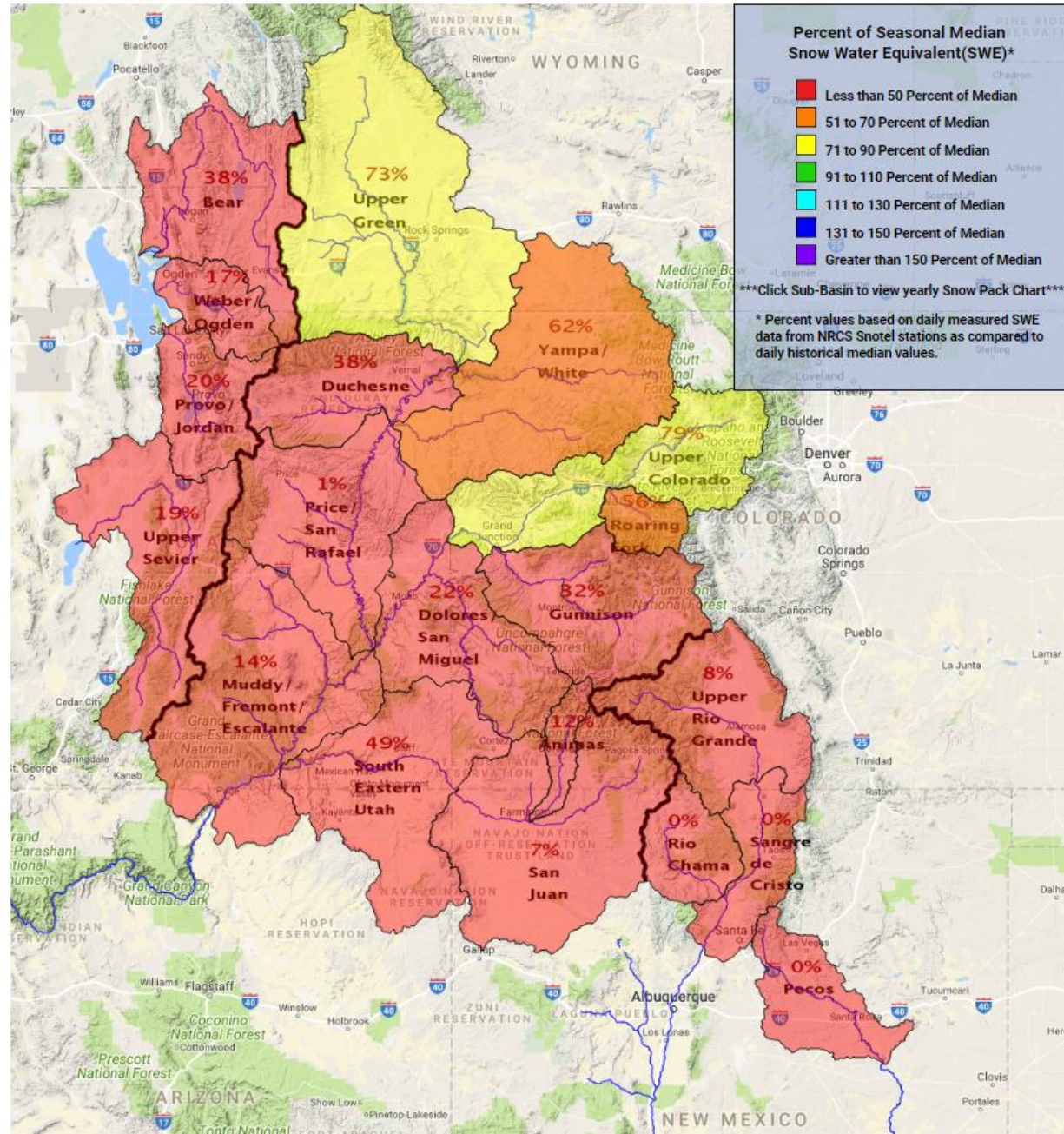
<http://droughtmonitor.unl.edu/>







Colorado River Basin Snow Water Equivalent

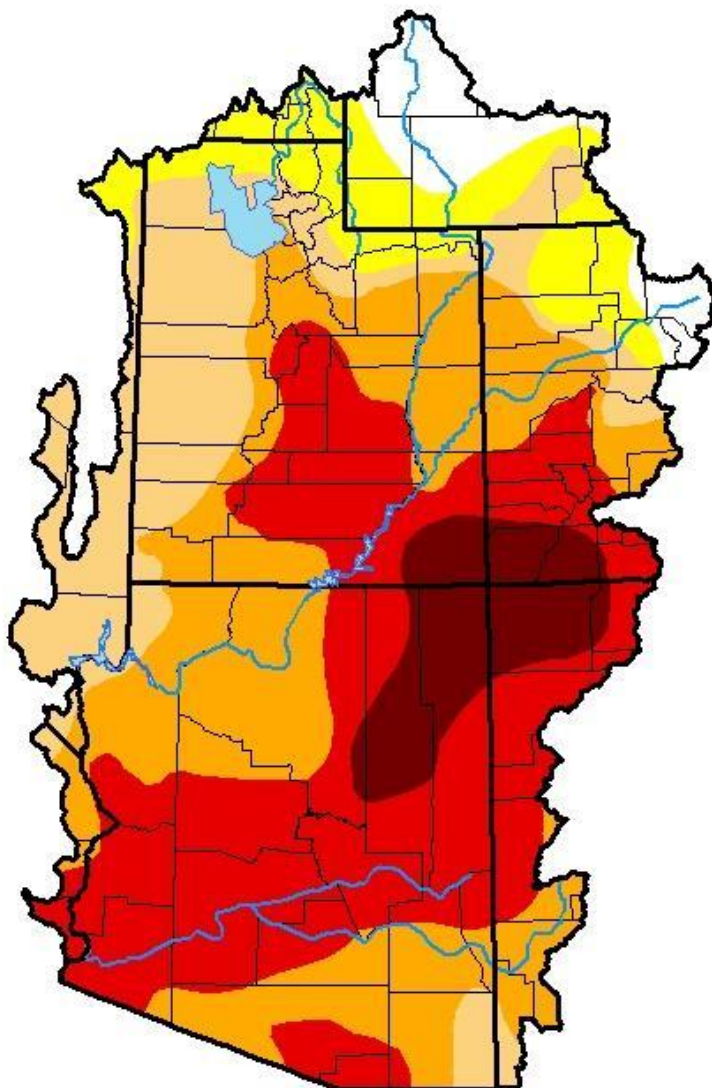


U.S. Drought Monitor Colorado Basin RFC

May 1, 2018

(Released Thursday, May. 3, 2018)

Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	4.67	95.33	85.89	68.03	40.27	7.79
Last Week 04-24-2018	4.66	95.34	85.89	66.84	35.54	7.79
3 Months Ago 01-30-2018	3.64	96.36	85.07	50.42	3.42	0.00
Start of Calendar Year 01-02-2018	9.69	90.31	72.70	20.38	0.00	0.00
Start of Water Year 09-26-2017	48.82	51.18	7.60	0.00	0.00	0.00
One Year Ago 05-02-2017	78.16	21.84	5.22	0.16	0.00	0.00

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

David Simeral
Western Regional Climate Center



<http://droughtmonitor.unl.edu/>



Questions?

Extra Slides

The slide features a light blue background with three thick, wavy, light blue lines that sweep across the bottom half of the frame. The lines are smooth and fluid, creating a sense of movement. The text 'Extra Slides' is centered in the upper half of the slide, rendered in a bold, dark blue, sans-serif font.

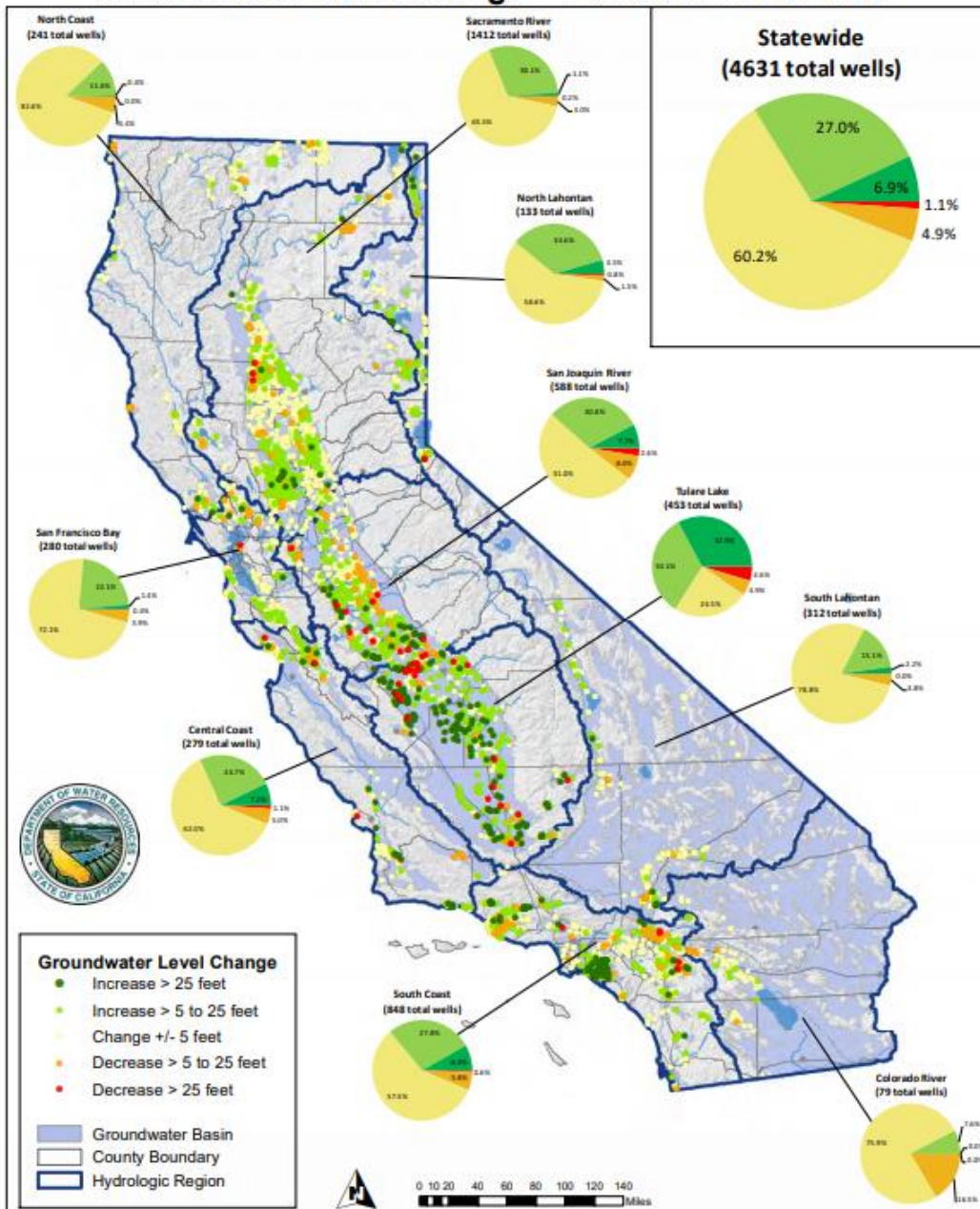
El Niño/La Niña

As of April 12, 2018, the National Oceanic and Atmospheric Administration (NOAA) predicts conditions are likely to be ENSO-neutral through summer. La Niña is barely hanging on, which means its influence on seasonal climate impacts in the U.S. is weakening.

Groundwater

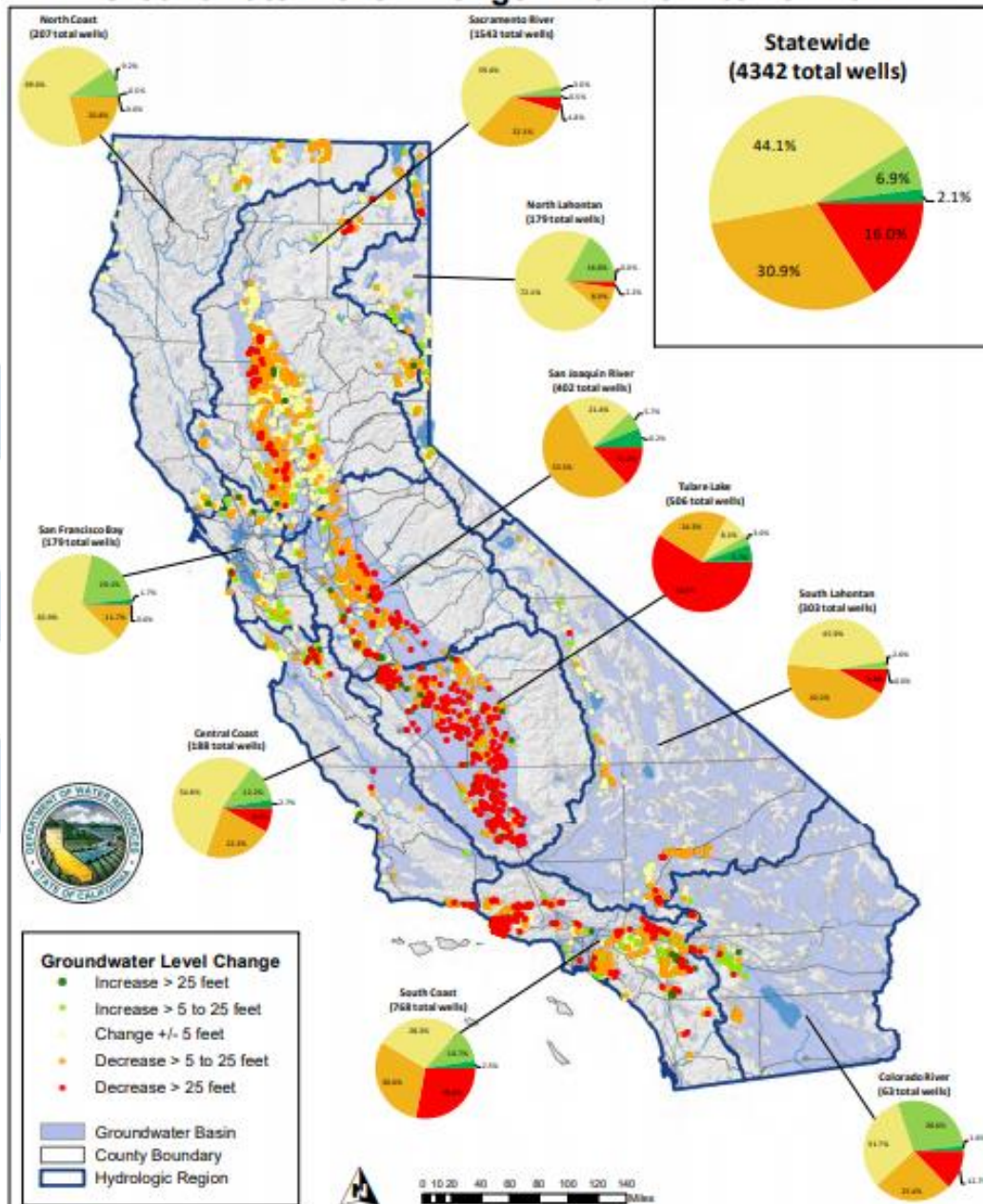
- DWR has updated groundwater data with information from Fall 2017

Groundwater Level Change* - Fall 2016 to Fall 2017



*Groundwater level change determined from water level measurements in wells. Map and chart based on available data from the DWR Water Data Library as of 02/21/2018. Document Name: PIEMAP_F1716_25ft
Updated: 2/26/2018. Data subject to change without notice.

Groundwater Level Change* - Fall 2011 to Fall 2017



*Groundwater level change determined from water level measurements in wells. Map and chart based on available data from the DWR Water Data Library as of 02/21/2018. Document Name: PIEMAP_F1711_25ft
Updated: 2/26/2018. Data subject to change without notice.